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Docket No.: 63335(52650)
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Takashi Funatsu et al.

Application No.: 10/533,107

Confirmation No.:

Filed: April 28, 2005

Art Unit: N/A

For: MICROSYSTEM, MICROOPENING FILM,
AND SYSTEM AND METHOD FOR
ANALYZING INTERACTION BETWEEN
BIOMOLECULES

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

MS PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed within three months of the date of entry of the national stage of an international application as set forth in 37 CFR 1.491 (37 CFR 1.97(b)(2)).

A copy of each reference on the PTO/SB/08 is attached.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1105, under Order No. 63335(52650). A duplicate copy of this paper is enclosed.

Dated: July 27, 2005

Respectfully submitted,

By 

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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/533,107
				Filing Date	April 28, 2005
				First Named Inventor	Takashi Funatsu
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	63335(52650)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AA	US-4,691,276 Corres. to JP 62-101974	09-01-1987 05/12/1987	Miller et al. Borg-Warner Industrial Products Inc.	
	AB	US-5,812,272 Corres. to JP 11-44647	09-22-1998 02-16-1999	King et al. Hewlett-Packard Co.	
	AC	US-2001/0016292 Corres. to JP 2001-185472	08-23-2001 06-07-2001	Kobinata et al. NEC Corp.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	BA	WO 02/44823 Corres. to JP 2002-163022	06-06-2002 06-07-2002	Japan Science & Tech. Corp. Japan Science & Tech. Corp.		
	BB	WO 94/16313 Corres. to JP 11-502608	07-21-1994	Evotec Biosystems GMBH		
	BC	JP 05-262882	10-12-1993	WR Grace & Co.		
	BD	JP 2002-215241	07-31-2002	National Institute of Advanced Industrial Science & Tech.		
	BE	JP 61-160588	07-21-1986	Matsushita Electric Industrial Co., Ltd.		
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	BG	JP 61-200843	09-05-1986	Kabushiki Kaisha Keihin Seiki Seisakusho		
	BH	JP 2000-314955	11-14-2000	Canon Inc.		
	BI	JP 2000-321756	11-24-2000	Canon Inc.		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
	CA	FUNATSU, T. et al. Nature Vol. 374 (1995) pp. 555-559			
	CB	EIGEN, M. and RIGLER, R. Proc. Natl. Acad. Sci. USA Vol. 91 (1994) pp. 5740-5747			
	CC	RIGLER, R. et al., "Fluorescence cross-correlation: A new concept for polymerase chain reaction", Journal of Biotechnology 63 (1998) pp. 97-109			
	CD	International Search Report. Int. App. No. PCT/JP03/13902, mailed 01/20/2004. 3 pages			

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Examiner Signature		Date Considered	
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Information Disclosure Statement
SB/08 and copies of 16 cited references
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